

A B S T R A C T

A magnetic angular-position sensor mounted between two carrier elements (1, 2) that are movable in rotation relative to each other about an axis of rotation (X), the sensor comprising firstly a magnetic body (3) defining a working zone (4) in which there extends a magnetic field having field lines perpendicular to the axis of rotation (X), and secondly a detector member comprising at least one probe (5) extending in the working zone (4) of the magnetic member (3) in order to provide a signal (S) as a function of the angular orientation of the probe (5) relative to the field lines in the working zone, in which the magnetic member comprises two parallel magnet segments and two elongate pole pieces of ferromagnetic material extending perpendicularly to the magnet segments and covering the ends thereof.